

APR 27 2010

Attorney Docket No. 101792-200

U.S. Serial No. 10/077,727

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AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Complete Listing of Claims:

1. Canceled

2. (Currently Amended) A biocidal composition comprising composite particles, each of said composite particles containing a shell and a core, said core consisting essentially of a copper-containing compound selected from the group consisting of surface oxidized copper powder, cuprous oxide, copper hydroxide, and combinations thereof, and said shell consisting essentially of a copper pyrithione formed by reaction of pyrithione acid or a water-soluble salt of pyrithione with ~~a portion of copper~~ copper from said copper-containing compound in said core, wherein said copper-containing compound has a water solubility of no greater than about 10 ppm.

3. (Canceled)

4. (Previously Presented) The composition of claim 2 wherein said core is present in said composition in an amount of from about 99 to about 60% by weight of the composition.

5. (Canceled)

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6. (Previously Presented) The composition of claim 4 wherein said copper-containing composite is present in said composition in an amount of from about 97 to about 86% by weight of the composition.

7. (Previously Presented) The composition of claim 2 wherein said copper pyrrhione shell is present in an amount of from about 1 to about 40% by weight of the composition.

8. (Previously Presented) The composition of claim 6 wherein said copper pyrrhione shell comprises from about 2 to about 20% by weight of the composition.

9. (Previously Presented) The composition of claim 7 wherein said copper pyrrhione shell comprises from about 3 to about 14% by weight of the composition.

10. (Cancelled)

11. (Previously Presented) The composition of claim 41 wherein said fatty acid is selected from the group consisting of stearic, oleic, glycerol, and combinations thereof.

Claims 12 – 34 (Canceled)

35. (Previously Presented) The composition of claim 2 wherein the core is copper I oxide and the shell is copper II pyrrhione.

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36. (Previously Presented) The composition of claim 35 wherein the copper oxide to the copper pyrithione is in a weight ratio of from 5:1 to 15:1. and a coating diameter is about 1% of the particle.

37-39. (Canceled)

40. (Previously Presented) The composition of claim 2, wherein the copper pyrithione and the core are present within a weight range of ratios from 1:20 to 20:1 of copper pyrithione relative to the core.

41. (Currently Amended) A biocidal composition comprising composite particles, each of said composite particles containing a shell, a core and a fatty acid coating on said shell, said core consisting essentially of a copper containing compound selected from the group consisting of surface oxidized copper powder, cuprous oxide, copper hydroxide, and combinations thereof, and said shell consisting essentially of a copper pyrithione formed by reaction of pyrithione acid or a water-soluble salt of pyrithione with ~~a portion of copper~~ copper from said copper-containing compound in said core, wherein said copper containing compound has a water solubility of no greater than about 10 ppm.